

REMARKS

Claims 2, 3, 5, 7, 9, 10, 12 to 25 continue to be in the application.

The Office Action refers to Claim Objections

2. Claims 3, 5, 7, 15, 21, 23, and 25 are objected to because of the following informalities:

Claim 3 is objected to at line 7 because "the electric motor" is claimed while claim 19 from which it depends only claimed "a motor" which is not consistent. Claim 3 line 11 ends in a period and claims must be in one sentence form. Claim 5 is objected to at line 2 because "the carriage" lacks proper antecedent basis. Claim 5 is objected to at line 3 because "an electric motor" is claimed while claim 2 from which it depends claims "a motor" which is not consistent, but appears to be a double recitation of an element. Claim 7 is objected to at line 2 because "the carriage" lacks proper antecedent basis.

Claim 15 is objected to at line 4 because "an electric motor" is claimed while claim 12 from which it depends claims "a motor" which is not consistent, but appears to be a double recitation of an element. Claim 21 line 5 ends with two periods. Claim 23 is objected to at lines 9 and 11 because "the electric motor" is claimed while claim 22 from which it depends only claimed "a motor"

which is not consistent. Claim 25 is objected to at line 7 because "the electric motor" is claimed while claim 19 from which it depends only claimed "a motor" which is not consistent. Claim 25 lines 11, 18, and 22 end in a period and claims must be in one sentence form. Appropriate correction is required.

Applicant appreciates the indications of objections to the claims and the instant amendment provides corresponding corrections

The Office Action refers to Claim Rejections - 35 USC § 103.

Claims 3, 5, 16, 23, & 25 stand rejected under 35 U.S.C. 103(a) as being unpatentable over Gruhler & Kaburagi et al. as applied to claims 2, 7, 9,10, 12-15,17-22, & 24 above, and further in view of Hassell (U.S. Patent 6185832).

Applicant respectfully traverses.

Gruhler & Kaburagi et al. disclose all of the instant claimed invention as stated above in the rejection of claims 2, 7,9, 10, 12-15, 17-22, & 24, but does not disclose the movement means has teeth into which a drive cog wheel meshes.

Hassell discloses an apparatus (15) for callipering book signatures with a toothed belt (49) and drive cog wheel (50) (Figure 7) for driving movement without slippage and to maintain proper timing (col. 5 lines 1-3).

Applicant respectfully disagrees.

The Hassell reference states in column 5, lines 49 to 52: "The reset drive pulley 50 is mounted on the cam shaft 70 and drives the the belt 49 (FIG. 7) connected to the pulley 48 that carries the roller 47 for

selectively engaging the back end 42 of the measuring arm 37.” There is no teaching or suggestion in the Hassell reference neither to a toothed belt (49) nor to a drive cog wheel (50). Therefore, no drive with teeth and a cog wheel is within the scope of the teaching of the references Gruhler, Kaburagi et al. and Hassell.

Therefore, it would have been obvious to one with ordinary skill in the art at the time of the invention made to add teeth to the belt and drive wheel disclosed by Gruhler & Kaburagi et al. in order to drive movement without slippage and to maintain proper timing in measurement.

There is no suggestion in the references Gruhler, Kaburagi et al. and Hassell that it would have been obvious to one with ordinary skill in the art at the time the invention was made to add teeth to a belt and drive wheel.timing (col. 5 lines 1-3).

Applicant respectfully disagrees.

The Hassell reference states in column 5, lines 49 to 52: “The reset drive pulley 50 is mounted on the cam shaft 70 and drives the the belt 49 (FIG. 7) connected to the pulley 48 that carries the roller 47 for selectively engaging the back end 42 of the measuring arm 37.” There is no teaching or suggestion in the Hassell reference neither to a toothed belt (49) nor to a drive cog wheel (50). Therefore, no drive with teeth and the references Gruhler, Kaburagi et al. and Hassell.

Reconsideration of all outstanding rejections is respectfully requested.
All claims as presently submitted are deemed to be in form for allowance
and an early notice of allowance is earnestly solicited.

Respectfully submitted,
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